

US	2005084217	Super Eilm Canavi	1- a single (C) or multilayer film (A/B/C/D/E), having improved ba
uo.	200004217	Ve Ticaret A.S.	grease impermeability, dead fold properties and also taking the geometric shapes by packing machines, and characterized by combase layer (C), an outer layer (A), an inner layer (B), and a second in (D) consisting essentially of polypropylene polymer and a <a href="https://www.hydrocarbs.com/hydrocarbs.com&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;ÚS .&lt;/td&gt;&lt;td&gt;5543223&lt;/td&gt;&lt;td&gt;Grace&lt;/td&gt;&lt;td&gt;1. A thermoplastic multi-lever film comprising: (a) a core layer comprising a blend of propylene polymer or copolyme hydrocarbon resin; and (b) two outer layers comprising a polymeric material selected from it consisting of; (i) ethylene alpha ofefin copolymer, (ii) polybutene, and (iii) blends thereof.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;US&lt;/td&gt;&lt;td&gt;6579821&lt;/td&gt;&lt;td&gt;Cryovac&lt;/td&gt;&lt;td&gt;1. A thermoplastic multi-layer film comprising: a) a core layer comprising an oxygen barrier material; b) two intermediate layers, on opposite surfaces of the core layer, compolyment adhesive; c) two outer layers comprising a blend of propylene polymer or copolyr a &lt;a href=" https:="" re<="" resin.com="" td=""></a>
US	5447792	WOLFF	1. A biaxially oriented, heat-sealable polypropylene film combining an inwater vapor barrier effect with a considerably reduced coefficient of fri packaging purposes, which is free from polydimethyl siloxane and following structure:  A B C B A where  a) C is the core layer consisting of polypropylene and a hydrocarbon which has a molecular weight of up to about 2000 g/mol and a softenia above 130.degree. C., and 0.05 to 0.5% by weight eructo acid amide, b) the B's are two jacket layers of highly isotactic polypropylene (iso \$94%) free from hydrocarbon resin, the ratio between the thickness jacket layer and the thickness of the base layer being between 0.01 and of the A's are two surface layers of a heat-sealable polyolefin copol terpolymer, these surface layers containing at least one antiblocking a antistatic agent and, as lubricant, 0.05 to 0.5% by weight erucio acid ami
US	5441806		1. An oriented, more particularly blaxially oriented, sealable polypropyl combining improved water vapor barrier properties with considerably global migration for packaging purposes, having the following structure:  A B C B A where  a) C is a base layer of polypropylene and a



us	FORFOR		at least one member selected from the group consisting of polyolefin and hydrogarbon resin having a ring and ball softening point of at least about 70.degree. C. the masterbatch having about 10-90 wt % of high density polyethylene; mixing said masterbatch with stereoregular polypropylene to form a polypropylene blend having about 0.3 wt % to 4.0 wt % of the high density polyethylene and from 0 wt % to about 5 wt % of hydrocarbon resin; and extruding the blend to form the polypropylene article.
us	6255395	Eastman Chemical Resin Inc	54. A masterbatch, comprising; at least about 65 wt % of resin; and carrier polymer which is such that a test masterbatch comprising 65 wt % of test resin and 35 wt % of the carrier polymer would solidify, so that the masterbatch would stretch less than 5% when 5 lbf is applied to an extruded test mesterbatch strand, within about 10 seconds after exiting a 25 DEG C, water bath in which the extruded test masterbatch strand is submerged for up to 4 seconds, wherein the test resin is a hydrogenated C9 <a href="hydrocarbon resin">hydrogenated C9 hydrocarbon resin having a R&amp;B softening point of 140 DEG C.</a> , and wherein the extruded test masterbatch strand is extruded at a rate of 1.0 to 1.2 kg/hr/strand while drawing the strand at a nominal rate of 17 cm/s using a pelletizer, has a 0.05 to 0.06 inch diameter, and enters the water bath at a temperature of 200.+10 DEG C.
US	20040170854	ExconMobil	1. A film containing a layer comprising:  (a) about 2-50 wt % of a polypropytene selected from:  (i) polypropytene having a melting point greater than about 155[dag.] C.;  (ii) polypropytene having a polydispersity greater than about 4;  (iii) polypropytene having greater than about 95% heptane Insolubles;  (iv) polypropytene meeting two or more (I)-(iii); and  (v) combinations of two or more of (i)-(iv).  (b) about 2-50 wt % of a hydrocarbon resin;  (c) less than about 96 wt % of a polypropytene having a melting point below 160[deg.] C.; and  (d) optionally, about 0.05-40 wt % of one or more additives.  2. A masterbatch for use in making a film comprising about 10-90 wt % hydrocarbon resin and about 10-90 wt % polypropytene selected from;  (a) polypropytene having a melting point greater than about 155[deg.] C.;  (b) polypropytene having greater than about 96% heptane insolubles;  (d) polypropytene meeting two or more (a)-(c); and  (e) combinations of two or more of (a)-(d).  3. A process for the production of oriented polypropytene films comprising blanding a polypropytene having a melting point greater than about 155[deg.] C.;  of the resin and subsequently blending the masterbatch with additional polypropytene and extruding the resultant bland to form a film, wherein the polypropytene having a melting point greater than about 155[deg.] C.;  (b) polypropytene having a melting point greater than about 155[deg.] C.;  (c) polypropytene having a melting point greater than about 4;  (d) polypropytene having a polydispersity greater than about 4;  (e) polypropytene having a polydispersity greater than about 4;  (d) polypropytene meeting two or more (a)-(c); and  (e) combinations of two or more of (a)-(d).
US	2003021129 <i>\$</i>		(a) a first skin layer having a first side and a second side; (b) at least one core layer comprising polypropylene, a polymeric modifier, a hydrocarbon resin, and appearance additive, wherein the core layer has a first side and a second side and the first side of the core layer is adjacent to the second side of the first skin layer, and (c) a second skin layer having a first side and a second side wherein the first side of the second skin layer is adjacent to the second side of the core layer.  9. A multi-layer polymeric film comprising: (a) a first skin layer having a first side and a second side; (b) at least one core layer comprising polypropylene, a polymeric modifier, a hydrocarbon resin, wherein the core layer has a first side and a second side and the first side of the core layer is adjacent to the second side of the first skin layer, and

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			(c) a second skin layer having a first side and a second side wherein the first side of the second skin layer is adjacent to the second side of the core layer.  (d) a coating layer applied on at least one outermost surface of the film.
100 m to 100			15. An multilayer, polymeric film comprising:  (a) a core layer comprising isotactic polypropylene, a polymeric modifier, and a hydrocarbon resin; wherein the core layer comprises an interior of the film;  (b) a first transition layer exterior to the core layer and on one side of the core layer, wherein the first transition layer is selected from the group consisting of isotactic polypropylene, EP random copolymer, PB copolymer, EP8 terpolymer, hydrocarbon resine, and mixtures thereof;  (c) a first skin layer exterior to both the core layer and the first transition layer and on the same side of the core layer as the first transition tayer, the first skin layer comprising a material selected from the group consisting of isotactic polypropylene, EP8 terpolymer, EP copolymer, PB copolymer, metallocene catalyzed polyethylene, HDPE, LDPE, LDPE, and mixtures thereof, and (d) a second skin layer exterior to the core layer and on a side of the core layer opposite the first transition layer and the first skin layer, wherein the second skin layer comprises a material selected from the group consisting of isotactic polypropylene, EPB terpolymer, EP copolymer, PB copolymer, metallocene
EP	1453893	Super Film Sanay)	catalyzed polyethylene, HDPE, LLDPE, LDPE, and mixtures thereof.
	1453030	Ve Ticaret A.S.	1- a single (C) or multilayer film (A/B/C/D/E), having improved barrier and grease impermeability, dead fold properties and also taking the various geometric shapes by packing machines, and characterized by comprising a base layer (C), an outer layer (A), an inner layer (B), and a second inner layer (D) consisting essentially of polypropylene polymer and a hydrocarbon resint and a second outer layer (E) consisting of polypropylene polymer and an antiblocking agent:
US	2007218308	Exxon	1-41, (canceled) 41. A surface-treated article comprising at least one layer comprising about 20 wt % or less of a resin modifier comprising a tackflier selected from the group consisting of aliphatic hydrocarbon resins, hydrogenated aliphatic hydrocarbon resins, aliphatic/aromatic hydrocarbon resins, hydrogenated aliphatic aromatic hydrocarbon resins, cycloaliphatic hydrocarbon resins, hydrogenated cycloaliphatic resins, cycloaliphatic/aromatic hydrocarbon resins, hydrogenated cycloaliphatic/aromatic hydrocarbon resins, hydrogenated aromatic hydrocarbon resins, polyterpene resins, terpenephenol resins, rosins and mixtures of two or more thereof, wherein the tackifier has a molecular weight (Mw) of about 10,000 or less and wherein the resin modifier comprises about 20 wt % or less unsaturated acid or anhydride or derivative thereof.
UŠ	6139930	Comer	1. A transparent multilayer polyoletin film comprised of an isotactic polypropylene core having, on at least one of its surfaces, a barrier coating receiving layer comprised of:  a) polypropylene containing up to about 100% by weight based on the weight of the polypropylene of a copolymer of ethylene and propylene or an .alphaolefin; and b) up to about 30% by weight, based on the weight of a) of a